

APPENDIX

Changes to Specification:

The Sequence Listing is replaced.

The following are marked-up versions of the amended paragraphs:

Page 14, lines 11-27:

Figure 1 shows the cDNA sequence (SEQ ID NO: 1) and the corresponding amino acid sequence (SEQ ID NO: 2) of TOCB. The N-terminal potential transit peptide of the chloroplast is underscored. The probable cleavage point is indicated by an asterisk (*). The open triangles indicate the position of the introns.

Figure 2 shows the comparison between the TOCB protein (residues 111-299 of SEQ ID NO: 2) and the AOX protein of soybean (SEQ ID NO: 8). (+) indicates the similar amino acids. The amino acids shown in a box form part of the predicted transmembrane helix domains. The iron-binding moieties are overscored.

Figure 3 shows the alignment of the amino acid sequences for tomato (T) (SEQ ID NO: 9), capsicum (P) (SEQ ID NO: 10) and Arabidopsis (A) (SEQ ID NO: 2) and the consensus sequence. In this consensus sequence, the conserved amino acids are indicated in uppercase letters and the relatively conserved amino acids are indicated in lowercase letters.

Page 24, lines 2-7:

Alternatively, an amplification by PCR of the coding region may be carried out. The following oligonucleotides will advantageously be used to amplify the sequence of Arabidopsis TOCB:

5'-GCAACGATTTGCAAGACG-3' (SEQ ID NO: 6) and

5'-TTAACTTGTAATGGATTCTTGAG-3' (SEQ ID NO: 7).